Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 16 Sep 2020 until 23:59 on Thursday 17 Sep 2020

Forecast Issued on Wednesday 16 Sep 2020 at 03:08

Confidence: High for generally cooler conditions for the remainder of the week. Medium for extent of cloud and rainfall for Tuesday evening and through Wednesday.

Headline for Wednesday 16 Sep 2020: Cloudy and cooler than recently with some outbreaks of drizzle.

Mountain weather hazards on Wednesday 16 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG			
Fog	Fog	Fog	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	30%	60%	10%	10%	<05%

Forecast for Wednesday 16 Sep 2020

Weather: A band of cloud will sink south over the Dales bringing outbreaks of drizzle and poor visibility during the morning and early afternoon. Brighter, drier conditions will develop later during the afternoon but temperatures will be suppressed compared to recently.

Chance of cloud free mountain/hill tops above 600m: 20% at first, with cloud down to 300-400m. Increasing to 40% during the afternoon with cloud lifting to 500-600m.

Visibility: Poor or very poor in low cloud and drizzle through the morning and early afternoon. Becoming good later in the afternoon with intermediate hills becoming visible.

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Forecast for Wednesday 16 Sep 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/20 NE	15/22 NE	16/26 NE	16/27 NE	14/24 NE	12/21 E	11/20 E
300	10/21 NE	15/25 NE	16/27 NE	16/28 NE	13/25 NE	11/21 E	9/19 E
Valley	14/24 NE	17/28 NE	15/25 NE	15/26 E	13/24 E	10/18 E	7/13 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	10/8	11/8	10/7	9/6	8/5	8/4
300	14/12	14/11	14/11	13/10	11/9	10/8	10/8
Valley	15/13	15/12	17/14	16/13	13/11	12/10	11/10
Freezing Level*	2900m	3000m	3000m	3000m	3000m	2900m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 16 Sep 2020	3mm	3.2mm	3.2mm

Forecast for Thursday 17 Sep 2020

Weather: Cool and dry through the day with almost unbroken sunshine. Breezy over summits.

Maximum wind: Easterly, with gusts around 20-25 mph.

Chance of cloud free mountain/hill tops above 600m: >95% throughout.

Visibility: Very good throughout with clear view of distant peaks.

Temperature: **Valleys:** Plus 3 Celsius becoming Plus 14 Celsius.
At 600m: Plus 8 Celsius becoming Plus 11 Celsius.
Freezing level: Above summits.

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